

Catalyst for preparing 1-hexene from ethene by oligomerization and its application

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Abstract of CN1294109

A catalyst for preparing 1-hexene by ethylene oligomerization contains Cr compound, pyrrole derivative, alkyl aluminium compound and modifier, and features that said modifier is a compound X_mAR_n , where X is Cl or F, $m=3-6$, R is F, Cl, Br, CCl_3 , or H, $n=0-2$ and A is monoester cycloalkyl or phenyl. Its advantages include high activity and selectivity, and less generation of polyethylene as by-product.

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